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MONTHLY PROGRESS REPORT # 05

Contract #: SOL-391-12-00038

CONSTRUCTION MONITORING & EVALUATION PROGRAM FOR FLOOD DAMAGED SCHOOLS IN KHYBER PAKHTUNKHWA

ENDING APRIL 2013

AL-KASIB GROUP OF ENGINEERING SERVICES

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EXECUTIVE SUMMARY

USAID has engaged M/S AGES as Monitoring & Evaluation (M&E) Consultants for the Construction Monitoring and Evaluation Program (CMEP) KPK, for which a formal contract was signed on September 30th, 2012 between the two Parties. The scope of services includes quality and progress reporting of the building and road components. The building component of CMEP includes 114 number flood damaged schools in the nine Districts of Khyber Pakhtunkhwa Province. A 100-200 KM road in the Khyber Pakhtunkhwa Province is also the part of overall Contract that also includes Construction Monitoring and Evaluation Services for 46 KM long Peshawar-Torkham road. The project is funded with USAID grant and the building component of the project is governed through Provincial Reconstruction, Rehabilitation and Settlement Authority (PaRRSA). The revalidation of 114 flood damaged schools was conducted in the month of December 2012 in which 42 schools were found feasible for reconstruction. Feasible schools numbering 27 are situated in District DI Khan, 08 schools in District Shangla, 02 schools in District Swat, 03 schools in District Malakand and 02 schools in District Lower Dir.

Major activities and accomplishments during March, 2013 are summarized as under:

It was decided in the meeting held on Nov. 17, 2012 that Examination Hall of size 40'x 80' will be provided in high & higher secondary schools. Due to dimension constraints examination hall of size 48'- 9" x 26'- 9" has been provided in the M6 module.

Initially preliminary Structural, Architectural; Electrical & Typical drawings of M6 module were prepared and shared with the stakeholders. The columns in Examination Hall located in first floor of Module M-6 have been eliminated to avoid obstruction and provide clear space for Examination & other Educational Activities. The structural analysis of M-6 Module has been carried out by the structure engineer of CMEP. The revised structural drawings have been technically reviewed by the structure specialist. The following activities were carried out:

- Structural Analysis of M-6 module
- Revision of structural drawings of M-6 Module
- Technical review of revised structural drawings of M-6 Module by structure specialist
- Revision/finalization of Structural, Architectural, Electrical and Typical drawings of M-6 Module
- Submission of final Structural, Architectural, Electrical & Typical drawings of M-6 Module
- Second Quarterly Progress Report for the quarter ending on March 31, 2013 was shared with USAID/PaRRSA for their review & comments.
- Site specific BOQs of 42 sites have already been drafted and will be finalized after the meeting with the stakeholders to be conducted shortly as desired by PaRRSA.

Recommendations for Way-Forward:

1. Fresh list of alternate schools as a replacement of unsuitable sites will be required to meet the approved scope of 114 schools. During the revalidation of 114 schools, 72 schools have been declared unfeasible/unsuitable.
2. Formulation of a strategy for implementation of the schools construction needs to be finalized at the earliest.
3. As lesson learnt from M&E Project Malakand, geotechnical investigations for determination of bearing capacity for specific sites is a time consuming activity. Keeping in view its importance, it is suggested that decision on aforesaid activity needs to be taken at the earliest to complete this task well before the commencement of construction activities.

1. PROJECT

1.1. BACKGROUND

The disaster of 2010 Monsoon Flood in Khyber Pakhtun Khwa (KPK) was massive and unprecedented. The flood not only deprived the local communities of their livelihoods but also created an unprotected and challenging environment for the school going children in 10 districts of KPK as listed below:

1. Peshawar
2. Nowshera
3. Charsadda
4. Tank
5. D.I Khan
6. Malakand
7. Buner
8. Swat
9. Dir Upper/Lower
10. Shangla

As per data received from the Education Department of the KPK, the numbers of schools either partially or fully damaged ranged in the hundreds. The Government of KPK was faced with the challenging task of reconstruction and restoration of these lost academic facilities at huge construction costs. Realizing the importance of early resumption of educational activities, the government appealed to national and international donors for funds to rectify and retrieve the situation. In the meantime, the Government of KPK, through its concerned line departments, prepared Damage Need Assessments (DNA) of the flood affected districts.

USAID was already working in Malakand Division on the reconstruction and rehabilitation of schools, health facilities and Water & Sanitation (WatSan) infrastructures affected during the militancy period of 2009 to 2010. Contemplating an expansion of its portfolio of projects in KPK with regards to flood relief activities, USAID tasked AGES, (the M&E consultants for the USAID funded sub-projects in the Malakand Division) to undertake the additional work of DNA and validation for the partially and fully damaged schools in some of the districts affected by floods.

After detailed damage assessment, the AGES Consultant was assigned a task of monitoring & evaluation services including Quality Assurance and Environmental Monitoring for the reconstruction project of fully damaged schools in the below listed Nine Districts of Khyber Pakhtunkhwa (KPK) Province.

1. Peshawar
2. Nowshera
3. Charsadda
4. Tank
5. D.I Khan
6. Malakand
7. Swat
8. Dir Upper/Lower
9. Shangla

The project has been tasked with the objective to monitor & certify that all the proposed projects are built as per approved designs/drawings, technical specifications and to ensure environmental compliance as per USAID's and Government of Pakistan's (GoP) regulations and requirements. District Buner was eliminated from the list of fully damaged school as no school was found fully damaged during the validation process done by AGES in 2010.

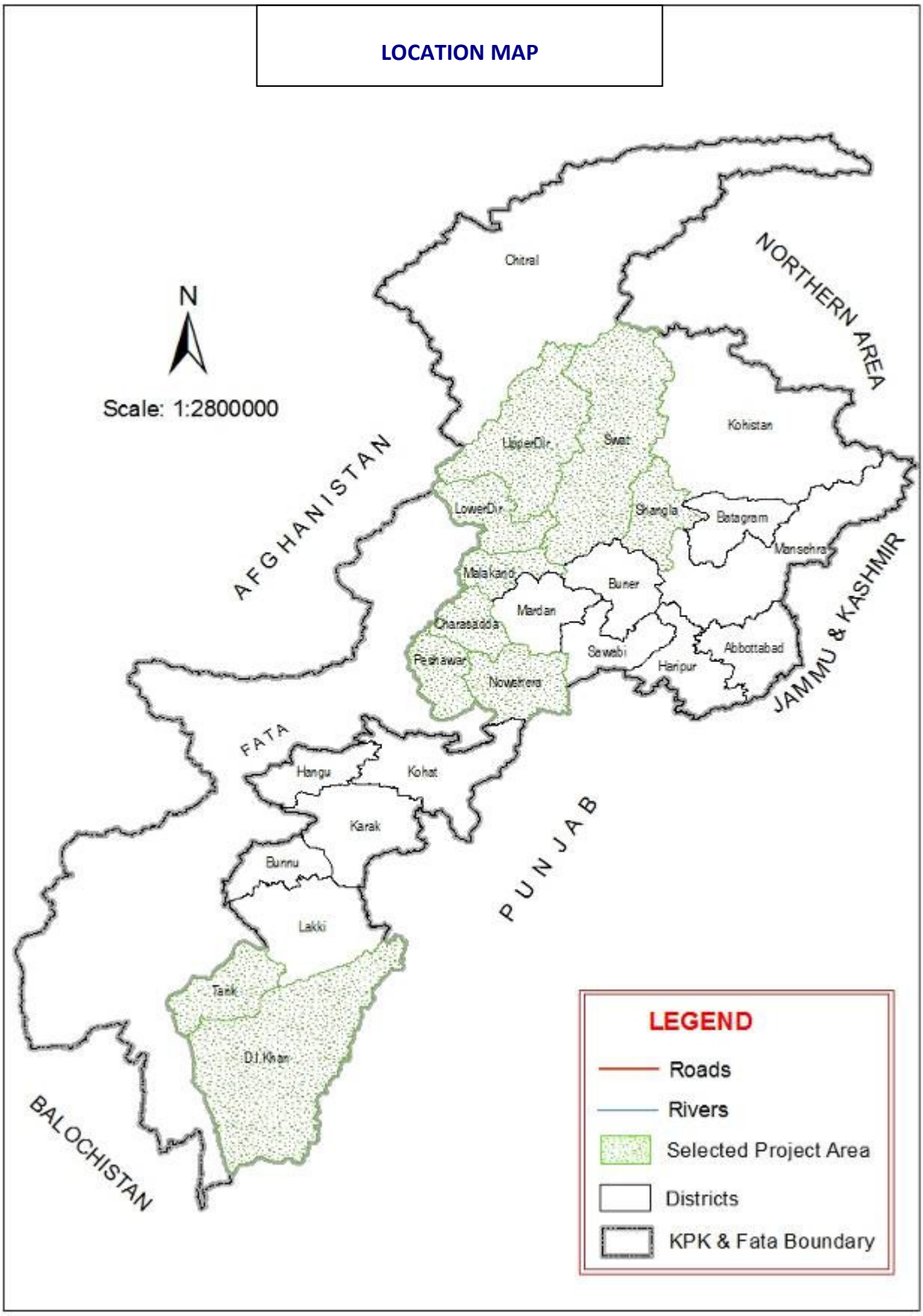
1.2. LOCATION

As stated earlier, following Districts of Khyber Pakhtunkhwa affected by flood 2010 were assigned for the reconstruction & recovery program.

1. Peshawar
2. Nowshera
3. Charsadda
4. Tank
5. D.I Khan
6. Malakand
7. Swat
8. Dir Upper/Lower
9. Shangla

Project Location Map is attached as Figure 1.1

FIGURE 1.1: PROJECT LOCATION MAP



1.3. IMPLEMENTATION ARRANGEMENTS

The Economic Affairs Division (EAD) designated the Director General (DG) of Provincial Reconstruction, Rehabilitation and Settlement Authority (PaRRSA) as an Additional Representative of the Government of Pakistan (GOP) for the purposes of the implementation of Program Areas (as defined in the Assistance Agreement). The GoKP has established a Project Steering Committee (PSC) to provide oversight and guidance and approvals required for smooth and timely implementation of the activities. The PSC is chaired by DG PaRRSA, and comprised representatives of USAID Pakistan and relevant Provincial Departments involved in the Planning and execution of the activities. Therefore, PaRRSA has the authority to carry out the works to be financed under a Fixed Amount Reimbursement (FAR) Agreement. Accordingly, PaRRSA is fully responsible for carrying out these works through contracting, supervising the contractor(s) and for ensuring that the contractor(s) diligently undertake the work and provide the necessary equipment, skilled and unskilled labor, and efficient supply of materials to ensure uniform and continuous progress once construction has started. A strategy is presently being debated and is being formulated by the active participation of all stakeholders to decide/identify an appropriate executing agency to undertake implementation of this project, on behalf of the government of KPK. M/S AGES Consultants of Peshawar have been appointed by USAID as Monitoring & Evaluation Consultants for this project.

AGES as M&E Consultants inspect and provide PaRRSA a certification of completion for satisfactorily completed work as pre-requisite condition for reimbursement of completed works. AGES Consultants also verify the quality & quantity of construction/installation works and ensures conformity to the design/drawings, standards, technical specifications & requirements. AGES Consultants is also responsible to document all field activities on agreed formats and to intimate defective works with necessary recommendations for rectification.

2. CONSULTANT'S ACTIVITIES

2.1. SCOPE OF WORK

The Contract for M&E Services for the "Construction Monitoring & Evaluation Program KPK" was signed on 30-09-2012 between USAID Pakistan and AGES Consultants Peshawar, called herein as M&E Consultants. Upon signing of the Contract, the M&E Consultants have been assigned the following scope of work.

- Submission of Quality Assurance Plan (QAP)
- Pre-Construction report of each school's site to establish base line condition
- Validation/Revalidation of the July 2010 flood damage assessment done through AGES for fully damaged schools to the current status whether the status as on July 2010 still exists or otherwise.
- Preparation of site/layout plans on the basis of pre-construction survey data obtained as a result of site visits.
- Review and Vetting of Project Design Documents
- Verifying the quality of construction/installation works and ensures conformity to the contract construction drawings, standards, technical specifications & requirements
- Site Monitoring and Inspection Reports
- Assisting, advising & reporting to USAID/PaRRSA with regard to reconstruction activities.
- Field and Laboratory Testing Protocol for full supervision
- Monthly Progress Reports

2.2. CONSULTANT'S ORGANIZATION CHARTS

The organization charts for project office Peshawar and site/field offices are given in Figure 2.1, Figure 2.2, Figure 2.3 & Figure 2.4 respectively.

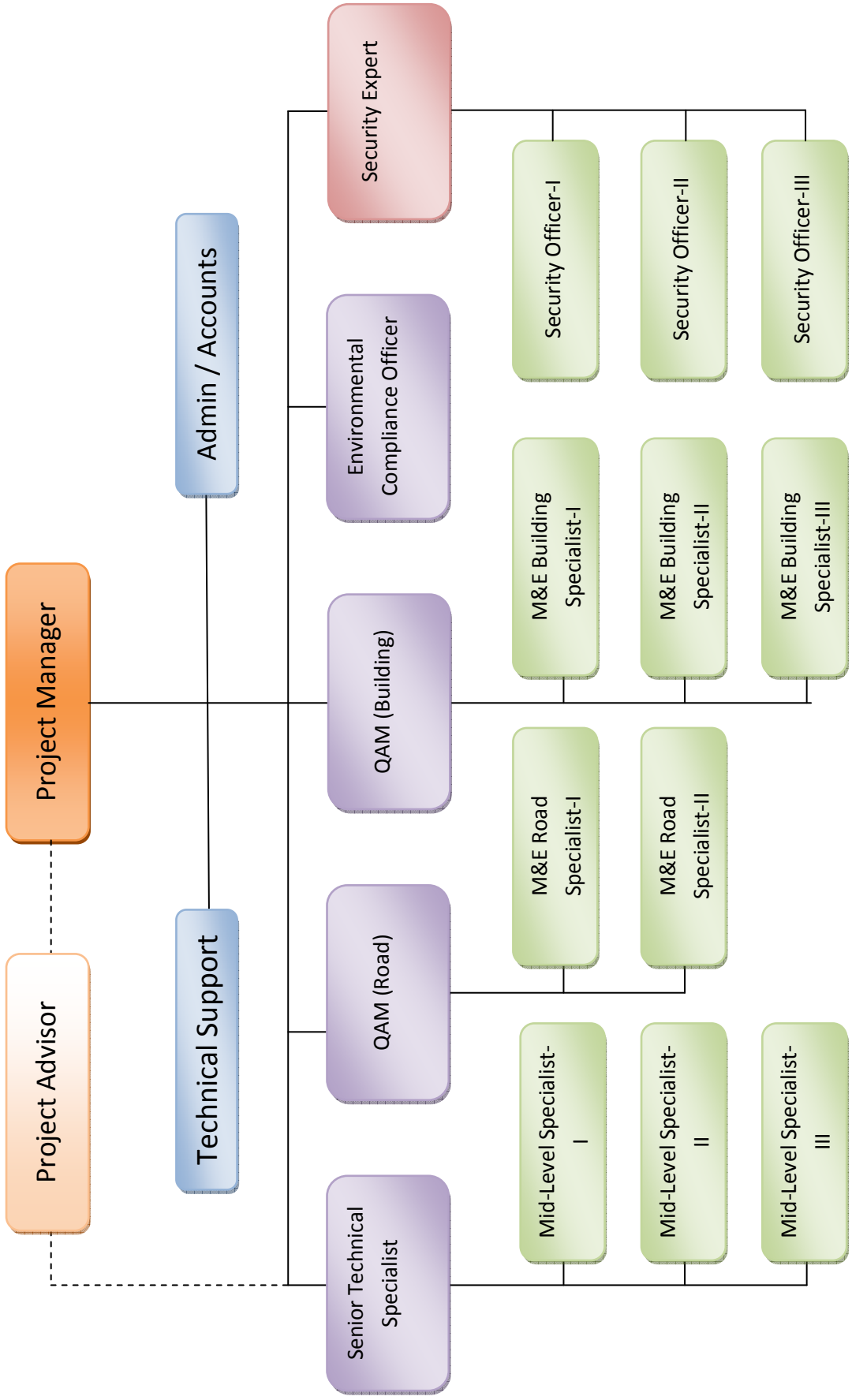


Figure 2.1: Organization Chart CMEP Project Office Peshawar

Figure 2.2: TEAM COMPOSITION-BUILDING COMPONENTS
USAID/PAKISTAN CONSTRUCTION MONITORING AND EVALUATION PROGRAM
(AGES CONSULTANTS PESHAWAR)

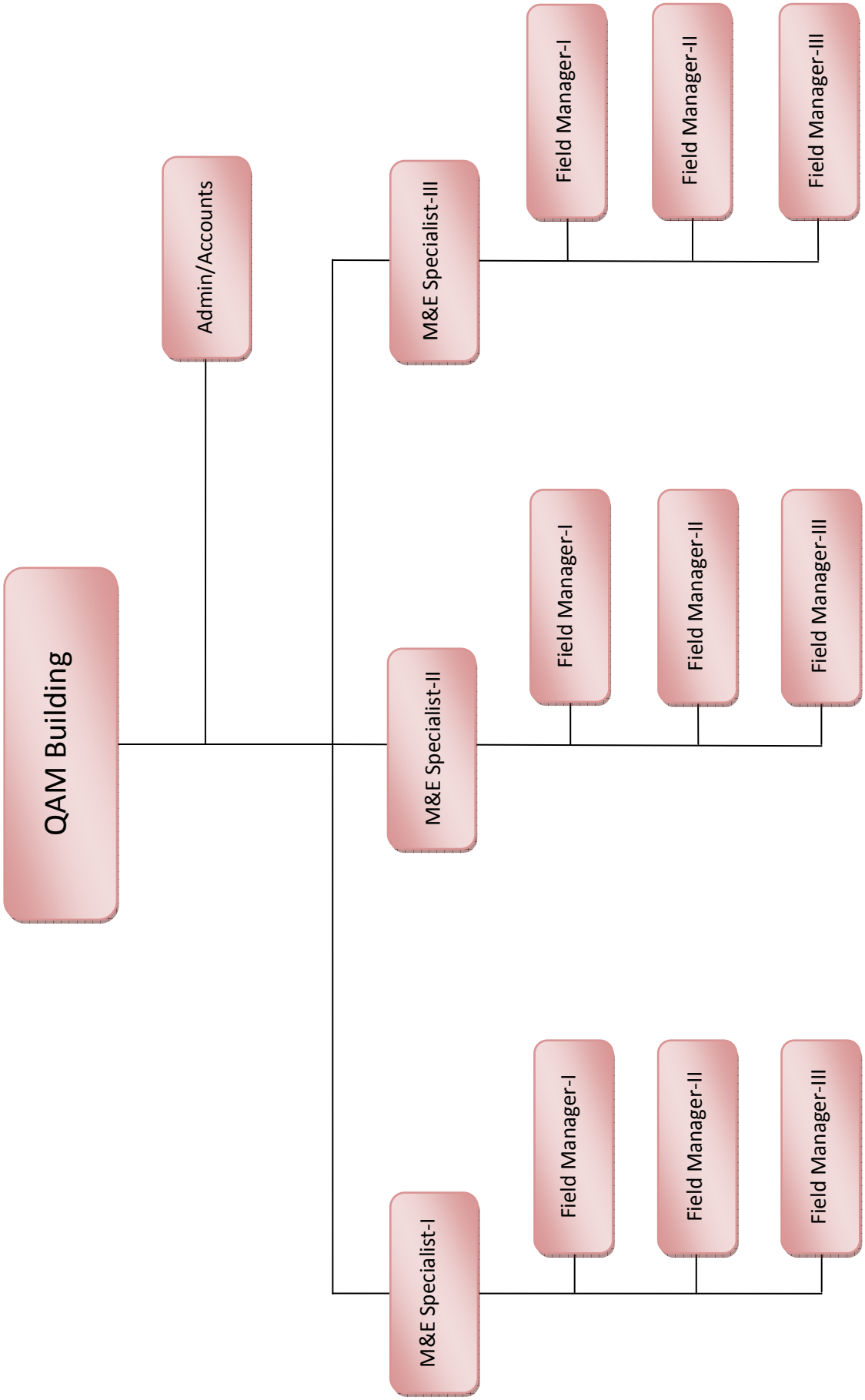
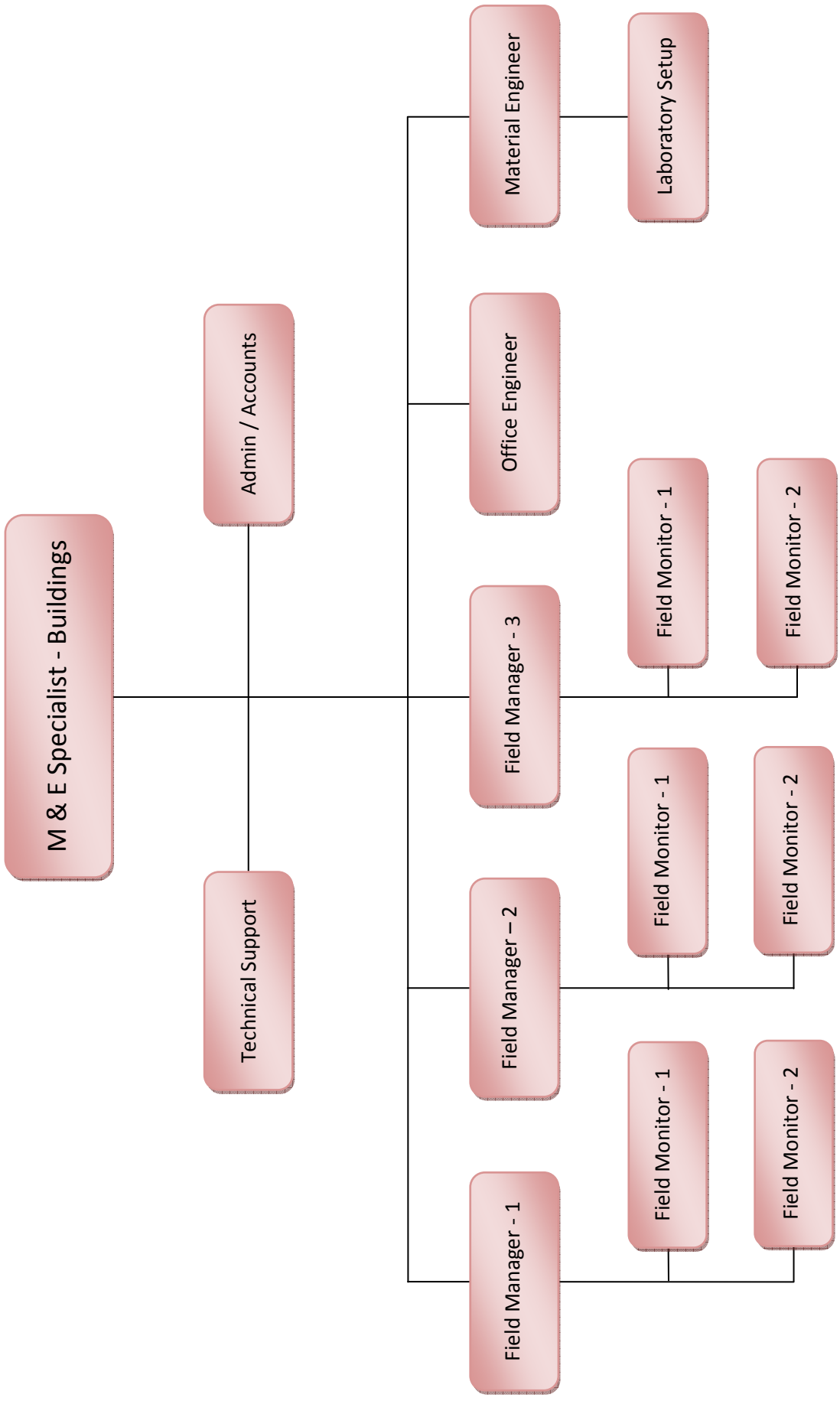


Figure 2.3: TEAM COMPOSITION-BUILDING COMPONENTS
USAID/PAKISTAN CONSTRUCTION MONITORING AND EVALUATION PROGRAM
(AGES CONSULTANTS PESHAWAR)



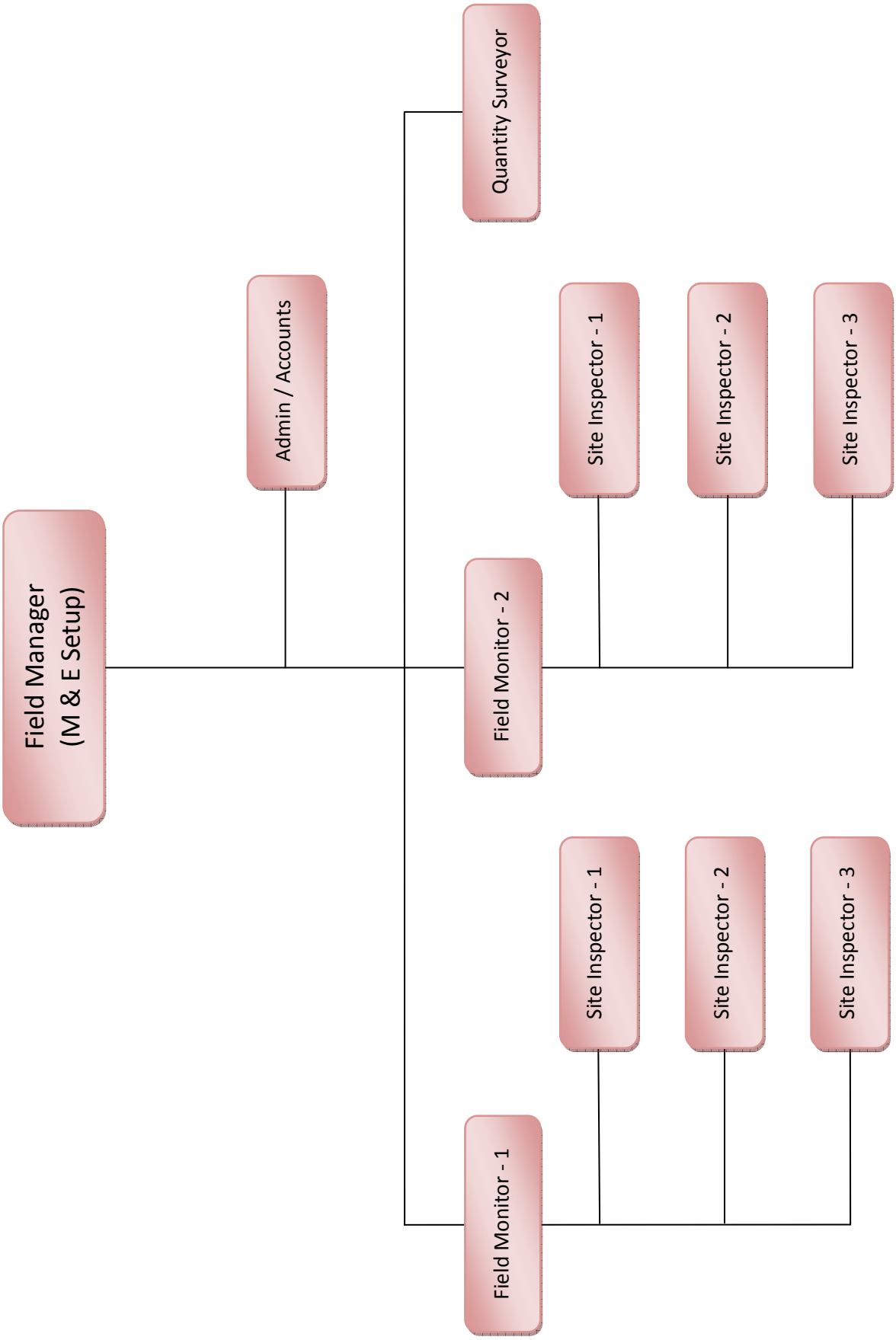


Figure 2.4: TYPICAL M&E SETUP –BUILDINGS
USAID/PAKISTAN CONSTRUCTION MONITORING AND EVALU`ATION PROGRAM
(AGES CONSULTANTS PESHAWAR)

3. PROGRESS OF CONSULTANT'S ASSIGNMENT

3.1. AN OVERVIEW OF ACTIVITIES UNDERTAKEN TILL THE END OF APRIL, 2013

3.1.1. Mobilization of Staff & Establishment of Office/Residencies

- Key staff of AGES was mobilized in September 2012 and preliminary meetings were conducted with the stakeholders for evolving strategy for the implementation of the project.
- Need based logistics have been provided
- Project Office at Peshawar has been established
- Residencies (02) for office as well as field staff have been established

3.1.2. Submission of Final Quality Assurance Plan (QAP)

QAP was reviewed in light of observations/comments made by USAID & final version shared with the stakeholders on March 13, 2013.

3.1.3. Validation/Revalidation of School's Sites

The Validation/Revalidation Reports of Schools of all assigned Districts were shared with USAID & PaRRSA for their review & comments.

The District wise summary is reproduced as below.

AT A GLANCE STATUS

Total listed sites for Revalidation	114
Suitable Sites	42
Unsuitable Site	72

District wise status

District Swat

Total listed sites	28
Suitable Sites	02
Unsuitable Site	26

District Shangla

Total listed sites	12
Suitable Sites	08
Unsuitable Site	04

District Malakand

Total listed sites	04
Suitable Sites	03
Unsuitable Site	01

District Dir Upper/Lower	Total listed sites	09
	Suitable Sites	02
	Unsuitable Site	07
District D.I.Khan	Total listed sites	35
	Suitable Sites	27
	Unsuitable Site	08
District Tank	Total listed sites	01
	Suitable Sites	00
	Unsuitable Site	01
District Peshawar	Total listed sites	17
	Suitable Sites	00
	Unsuitable Site	17
District Charsadda	Total listed sites	06
	Suitable Sites	00
	Unsuitable Site	06
District Nowshera	Total listed sites	01
	Suitable Sites	00
	Unsuitable Site	01

3.1.4. Pre-construction Survey

After completion of revalidation process, the pre-construction survey of all 42 suitable sites was conducted and site specific data was collected. The data collected as a result of site visits was properly documented and shared with the USAID & PaRRSA for their review & comments.

3.1.5. Preparation of Site/Layout Plans

- Site Plans of 42 suitable sites were prepared & finalized on the basis of survey conducted by the AGES Field Engineers during the revalidation process & were shared with USAID & PaRRSA for their review & comments.
- Layout Plans of 42 suitable sites were prepared & finalized in light of the survey conducted by the AGES Field Engineers for all suitable sites & was shared with USAID & PaRRSA for their review & comments.

- Photographs of 42 suitable sites were also shared with USAID & PaRRSA for their information & comments.
- An engineer along with surveyors conducted topographic survey of nine schools (Shangla-06, Dir Lower-01 & Malakand-02) and prepared contour map of each school for layout plans and quantities estimation of developmental works.

3.1.6. Submission of Quarterly Progress Reports

- First Quarterly Progress report for the quarter ending December 31, 2012 was shared with USAID PaRRSA for the review and comments.
- Second Quarterly Progress Report for the quarter ending on March 31, 2013 was shared with USAID/PaRRSA for their review & comments on April 04, 2013.

3.1.7. Submission of Revised Modular Drawings

All the modules were revised in accordance with the decisions made in the meetings held on Nov 17, 2012 and Dec. 27, 2012 and lessons learnt from M&E Project Malakand and shared with the stakeholders for their comments. The modifications/changes made in the Modules as stated earlier are reproduced for ready reference as follow:

- Ramp has been provided for disable students as previously there was no ramp in the drawings of M&E Project Malakand.
- Two numbers doors have been provided in the class room as previously one door in the class room was provided in the drawings of M&E Project Malakand.
- Two numbers windows have been provided in the front wall of the class room as previously one window in the front wall of the class room was provided in the drawings of M&E Project Malakand.
- Marble Flooring has been replaced with PCC (1:2:4) flooring in the marble strip paneling.
- Marble skirting has been replaced with 6 inches high PCC skirting.
- Door Panels have been replaced with MDF/Lasani Panels.
- Steel Railing 1 ft 6 inches high has been provided upon 2 ft 6 inches high RCC parapet wall.
- Wire mesh has been provided in all RCC to Brick Masonry Joints
- Isolated footing has been replaced with strip footing.
- Grid dimensions of each module have been made identical, by increasing the longitudinal length by 6 inches, for the architectural enhancement of the module.
- Tube lights have been replaced with energy savers.
- Voltage stabilizer has been designed & provided in the drawing of each module, in order to resolve the low voltage issues in the project areas.
- Change over switch has been provided in the distribution board.
- Proposal for the provision of roof projection at ground floor level in all modules, as suggested by the AGES Consultants, has already been shared with the stakeholders for their review and technical considerations.

The modular drawings have been bifurcated into four sections:

- Architectural Drawings
- Structural Drawings
- Electrical Drawings
- Typical Drawings

Architectural Drawings:

The Architectural drawings have been modified in the light of decisions taken in the recent meetings as mentioned above and lessons leant from M&E Project Malakand. Drawings of floor pattern for PCC (1:2:4) flooring and ramp details have been developed as new drawings and inducted in the Architectural drawings of all modules. Architectural Section of the module comprises of the following drawings;

1. Column Layout Plan
2. Ground Floor Plan
3. First Floor Plan
4. Mumty Plan
5. Front & Rear Elevation
6. Side Elevation
7. Section at A-A
8. Top Roof Plan
9. Stair Case Plan
10. Section at B-B (Stair Case Detail Section)
11. Typical Class Room Details
12. Doors Elevations & Sections
13. Windows Elevations & Sections
14. Gate & Boundary Wall Details
15. Gate Details & Plinth Protection
16. Flag Post Details
17. Floor Pattern Ground & First Floor
18. Ramp Details

Structural Drawings:

The Structural drawings have been modified in the light of decisions taken in the recent meetings as mentioned above and lesson leant from M&E Project Malakand. During the implementation of M&E Project Malakand, the isolated footing had been replaced with strip footing and accordingly drawings for Foundation & Excavation for 0.5TSF, 0.75TSF and 1.00TSF had been revised and now these revised drawings have been inducted in the structural drawings of all modules. Also drawings of Beam Column Connection and Mesh Details have been developed as new drawings and inducted in the Structural drawings of all modules. The Structural Section of the module comprises of the following drawings;

1. General Notes
2. Foundation & Excavation Details for 0.50TSF
3. Foundation & Excavation Details for 0.75TSF
4. Foundation & Excavation Details for 1.00TSF
5. Column Key Plan & Section Details
6. Plinth Beam Key Plan & Section Details
7. Ground Floor Beam Key Plan & Details
8. First Floor Beam Key Plan & Details
9. Ground Floor Slab Details
10. First Floor Slab Details
11. Mumty Slab Details

12. Beam Column Connection
13. Mesh Details

Electrical Drawings:

The Electrical drawings have been modified in the light of decisions taken in the recent meetings as mentioned above and lesson leant from M&E Project Malakand. Height of each electric fixture, with respect to finish floor level, has been provided in the legends portion of the drawings for the guidance of the field staff. Drawings of Stabilizer have been developed as new drawings and inducted in the Electrical drawings of all modules. The Electrical Section of the module comprises of the following drawings;

1. Lighting Layout Ground Floor
2. Lighting Layout First Floor
3. Lighting Layout Mumty
4. Distribution Board
5. Installation Details
6. Single Line Diagram of Stabilizer
7. General Stabilizer installation Details
8. Plate type earth electrode

Typical Drawings:

Drawings of sewerage system includes Man Hole Type A, Man Hole Type B, Septic Tank, Soakage Pit have been developed as new drawings and included in the typical drawings of all modules. Typical drawings are listed here under;

1. Typical Mumty Details
2. Typical Stair Case Details
3. Typical Neck Column Details
4. Typical Expansion Joint Details
5. Typical Man Hole Detail (Type A)
6. Typical Man Hole Detail (Type B)
7. Typical Septic Tank Details
8. Typical Soakage Pit Details

Details of class rooms and other facilities for various modules are given in a sequence.

Academic Block High School (Double Storey):

Architectural, Structural & Electrical drawings of Academic Block High School module was originally submitted as M1 (High) module to PaRRSA on January 18th, 2013 for their review and comments. Upon their verbal advice, the module was renamed to Academic Block High School. This module has been developed as new module, specifically for high and higher secondary schools. The details of Academic Block High School module are as under:

Ground Floor:

- 03 Class Rooms (Size 24'x 18')
- 02 Stair Cases
- Verandah 9 ft. wide

First Floor:

- 03 Class Rooms (Size 24'x 18')
- 02 Stair Cases
- Verandah 9 ft. wide

M-1 Module (Double Storey):

Architectural, Structural, Electrical & Typical drawings of M1 module have been submitted electronically to PaRRSA on February 20, 2013 for their review and comments. This module will be used for primary schools only. The details of M1 module are as under;

Ground Floor:

- 03 Class Rooms (Size 25'x 16')
- 02 Stair Cases
- Verandah 9 ft. wide

First Floor:

- 03 Class Rooms (Size 25'x 16')
- 02 Stair Cases
- Verandah 9 ft. wide

M-2 Module (Single Storey Admin Block):

Architectural, Structural, Electrical & Typical drawings of M2 module have been submitted electronically to PaRRSA on February 20, 2013 for their review and comments. This module will be used in high and higher secondary schools only in accordance with decision taken in the meeting held on December 27th, 2012. The details of M2 module are as under;

Ground Floor:

- Principal Office (Size 14'x16')
- Staff Room (Size 14'x16')
- Verandah 9 ft. wide

M-3 Module (Double Storey):

Architectural, Structural, Electrical & Typical drawings of M3 module have been submitted to PaRRSA on February 08, 2013 for their review and comments. This module will be used in primary schools only. The details of M3 module are as under;

Ground Floor:

- 03 Class Rooms (Size 25'x 16')
- 01 Stair Case
- Verandah 9 ft. wide

First Floor:

- 03 Class Rooms (Size 25'x 16')
- 01 Stair Case
- Verandah 9 ft. wide

M-4 Module (Double Storey):

Architectural, Structural, Electrical & Typical drawings of M4 module have been submitted electronically to PaRRSA on February 22, 2013 for their review and comments. This module will be used for primary schools only. The details of M4 module are as under;

Ground Floor:

- 02 Class Rooms (Size 25'x 16')
- 01 Stair Case
- Verandah 9 ft. wide

First Floor:

- 02 Class Rooms (Size 25'x 16')
- 01 Stair Case
- Verandah 9 ft. wide

M-5 Module (Double Storey):

Architectural, Structural, Electrical & Typical drawings of M5 module have been submitted electronically to PaRRSA on February 22, 2013 for their review and comments. This module has been modified in accordance with the decision taken in a meeting held on 27th December 2012 regarding provision of Principal Office and Staff Room in High and Higher Secondary Schools and therefore will be used in high & higher secondary schools only. The details of M5 module are as under;

Ground Floor:

- 01 Class Room (Size 24'x 18')
- 01 Principal Office (Size 11'-7½"x 18')
- 01 Staff Room (Size 11'-7½"x 18')
- 01 Stair Case
- Verandahs 9 ft. wide

First Floor:

- 02 Class Rooms (Size 24'x 18')
- 01 Stair Case
- Verandahs 9 ft. wide

M-6 Module (Double Storey):

Architectural, Structural, Electrical & Typical drawings of M6 module have been submitted to PaRRSA on Feb. 23, 2013 for their review & comments. M6 module has been modified in accordance with decision taken in the recent meetings, regarding provision of Principal Office and Staff Room in High and Higher Secondary Schools. The Examination Hall has been modified accordingly and was redesigned by the Structure Engineer of CMEP. The revised Structural drawings have been technically reviewed by the Structure Specialist & shared with the stakeholders during the Month of April 2013. The details of M6 module are as under;

Ground Floor:

- 01 Class Room (Size 24'x 18')
- 01 Principal Office (Size 11'-7½"x 18')
- 01 Staff Room (Size 18'-9"x 18')
- 01 Store (Size 11'-6"x 18')
- 01 Stair Case
- Verandahs 9 ft. wide

First Floor:

- 01 Class Room (Size 24'x 18')
- 01 Examination Hall (Size 48'-9"x 26'-9")
- Stair Case
- Verandahs 9 ft. wide

M-7 Module (Double Storey):

Architectural, Electrical & Typical drawings of M7 module have been submitted to PaRRSA on Feb. 23, 2013 for their review & comments. This module has been developed as new module specifically for primary schools having land constraints. The details of M7 module are as under;

Ground Floor:

- 02 Class Rooms (Size 25'x 16')
- 01 Stair Case
- Verandah 9 ft. wide

First Floor:

- 02 Class Rooms (Size 25'x 16')
- 01 Stair Case
- Verandah 9 ft. wide

T-1 Module (Double Storey):

Architectural, Structural, Electrical & Typical drawings of T1 module have been submitted electronically to PaRRSA on March 13, 2013 for their review and comments. T-1 Module is similar to M-1 Module except RCC slab of first floor has been replaced by steel trusses with CGI sheets Roofing for snowbound areas of

KPK. This module will be used for primary schools only.

T-2 Module (Single Storey Admin Block):

Architectural, Structural & Electrical drawings of T2 module have been submitted electronically to PaRRSA on March 13, 2013 for their review and comments. This module will be used in high and higher secondary schools only in accordance with decision taken in the meeting held on December 27, 2012. T-2 Module is similar to M-2 Module except RCC slab of first floor has been replaced by steel trusses with CGI sheets Roofing for snowbound areas of KPK.

T-3 Module (Double Storey):

Architectural, Structural, Electrical & Typical drawings of T3 module have been submitted to PaRRSA on March 14, 2013 for their review and comments. T-3 Module is similar to M-3 Module except RCC slab of first floor has been replaced by steel trusses with CGI sheets Roofing for snowbound areas of KPK. This module will be used in primary schools only

T-4 Module (Double Storey):

Architectural, Structural, Electrical & Typical drawings of T4 module have been submitted electronically to PaRRSA on March 14, 2013 for their review and comments. T-4 Module is similar to M-4 Module except RCC slab of first floor has been replaced by steel trusses with CGI sheets Roofing for snowbound areas of KPK..This module will be used for primary schools only.

T-5 Module (Double Storey):

Architectural, Electrical & Typical drawings of T5 module have been submitted electronically to PaRRSA on March 20, 2013 for their review and comments. T-5 Module is similar to M-5 Module except RCC slab of first floor has been replaced by steel trusses with CGI sheets Roofing for snowbound areas of KPK. This module will be used for high & higher secondary schools.

T-6 Module (Double Storey):

Architectural, Electrical & Typical drawings of T6 module have been submitted electronically to PaRRSA on March 20, 2013 for their review and comments. T-6 Module is similar to M-6 Module except RCC slab of first floor has been replaced by steel trusses with CGI sheets Roofing for snowbound areas of KPK.This module will be used for high & higher secondary schools.

T-7 Module (Double Storey):

Architectural, Electrical & Typical drawings of T7 module have been submitted electronically to PaRRSA on March 20, 2013 for their review and comments. T-7 Module is similar to M-7 Module except RCC slab of first floor has been replaced by steel trusses with CGI sheets Roofing for snowbound areas of KPK.This module will be used for primary schools only.

3.1.8. Submission of Revised BOQs of all Modules

- BOQ of M1 module (renamed as Academic Block High School) has already been shared with PaRRSA on January 18, 2013 for their review and comments.
- BOQ of M3 module has already been submitted to PaRRSA on Feb.11, 2013 for their

review and comments.

- PaRRSA has made some observations on the drawings & BOQ of M3 Module. AGES has developed view point on the above observations and have been shared with all stakeholders including PaRRSA for decision making, the response of which is awaited.
- The revision of all BOQ's will be finalized once PaRRSA response on AGES view point on the above mention observations is received.

3.1.9. Revision of Structural Drawings of Module # M-6

The columns in Examination Hall located in first floor of Module M-6 have been eliminated to avoid obstruction and provide clear space for Examination & other Educational Activities. The structural analysis of M6 module has been carried out by the Structure Engineer of CMEP. The structural drawings have been technically reviewed by the Structure Specialist. Structural drawings of M-6 module have been revised/finalized and submitted electronically to the stakeholders on April 30, 2013.

3.1.10. M&E Setup for D.I.Khan & Malakand Division

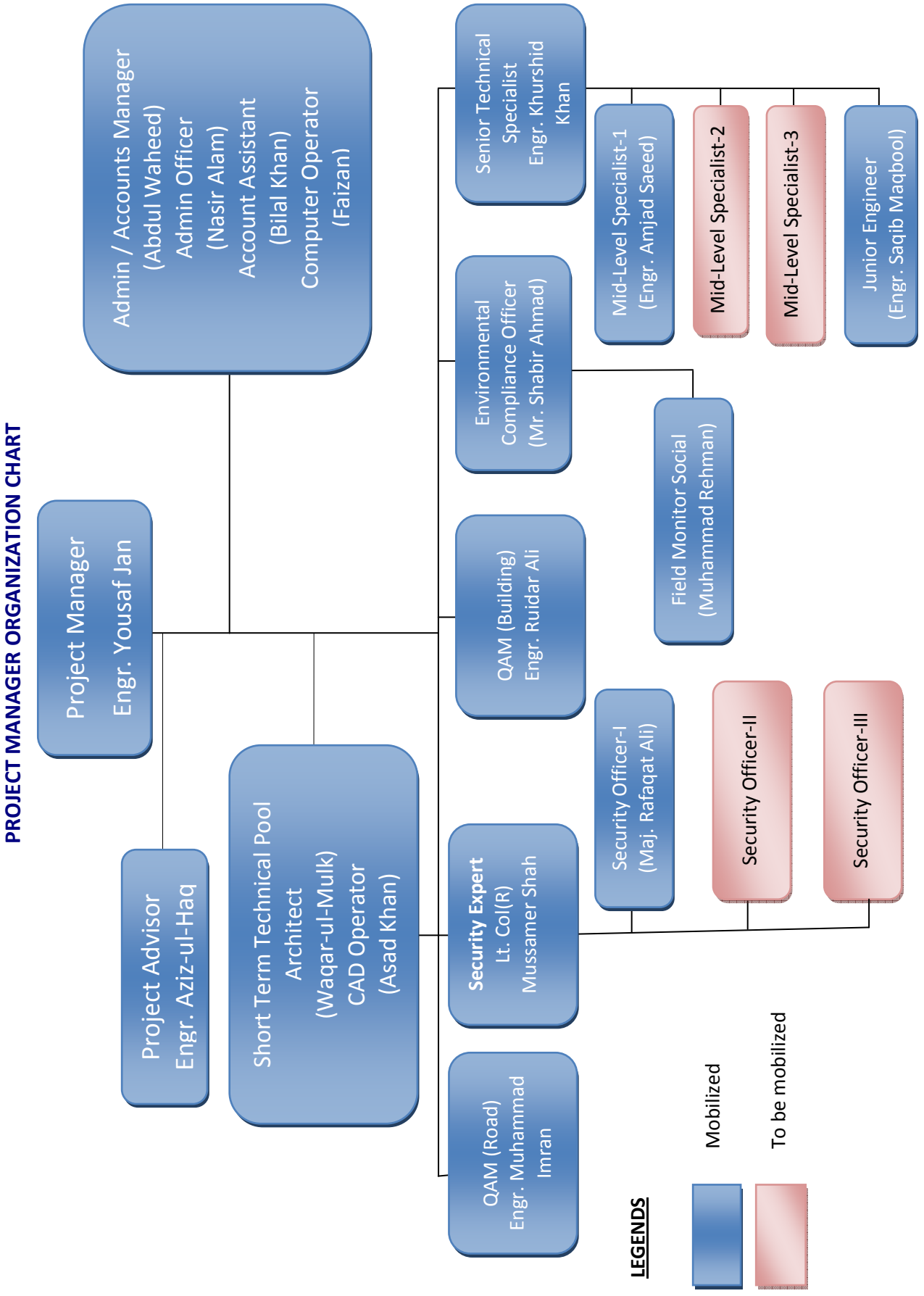
Out of 114 proposed sites, 42 sites have been declared as suitable for reconstructions. The breakup of suitable sites is as under.

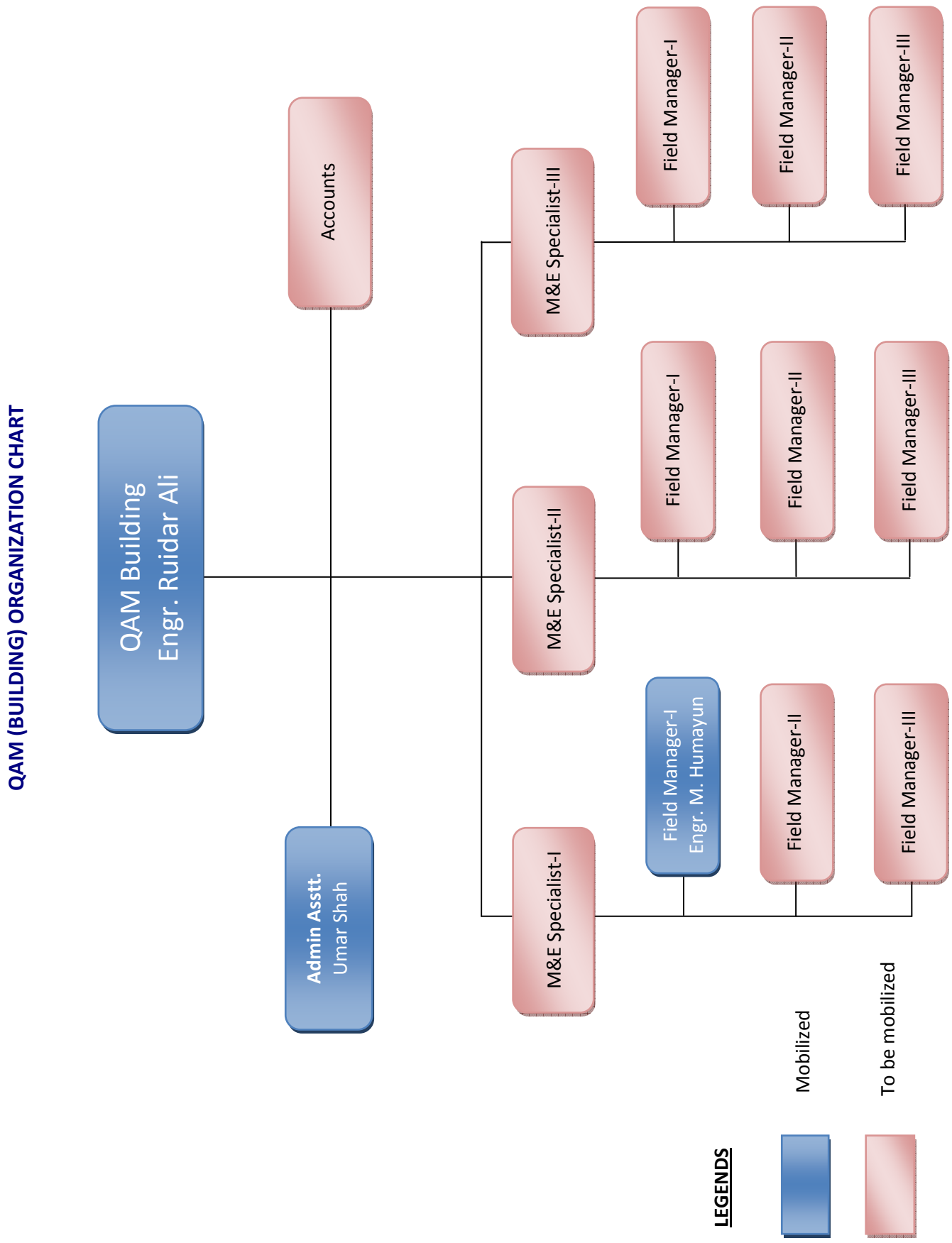
- Districts D.I.Khan 27 Sites,
- Swat 02 Sites,
- Shangla 08 Sites
- Dir Lower 02 Sites,
- Malakand 03 Sites.

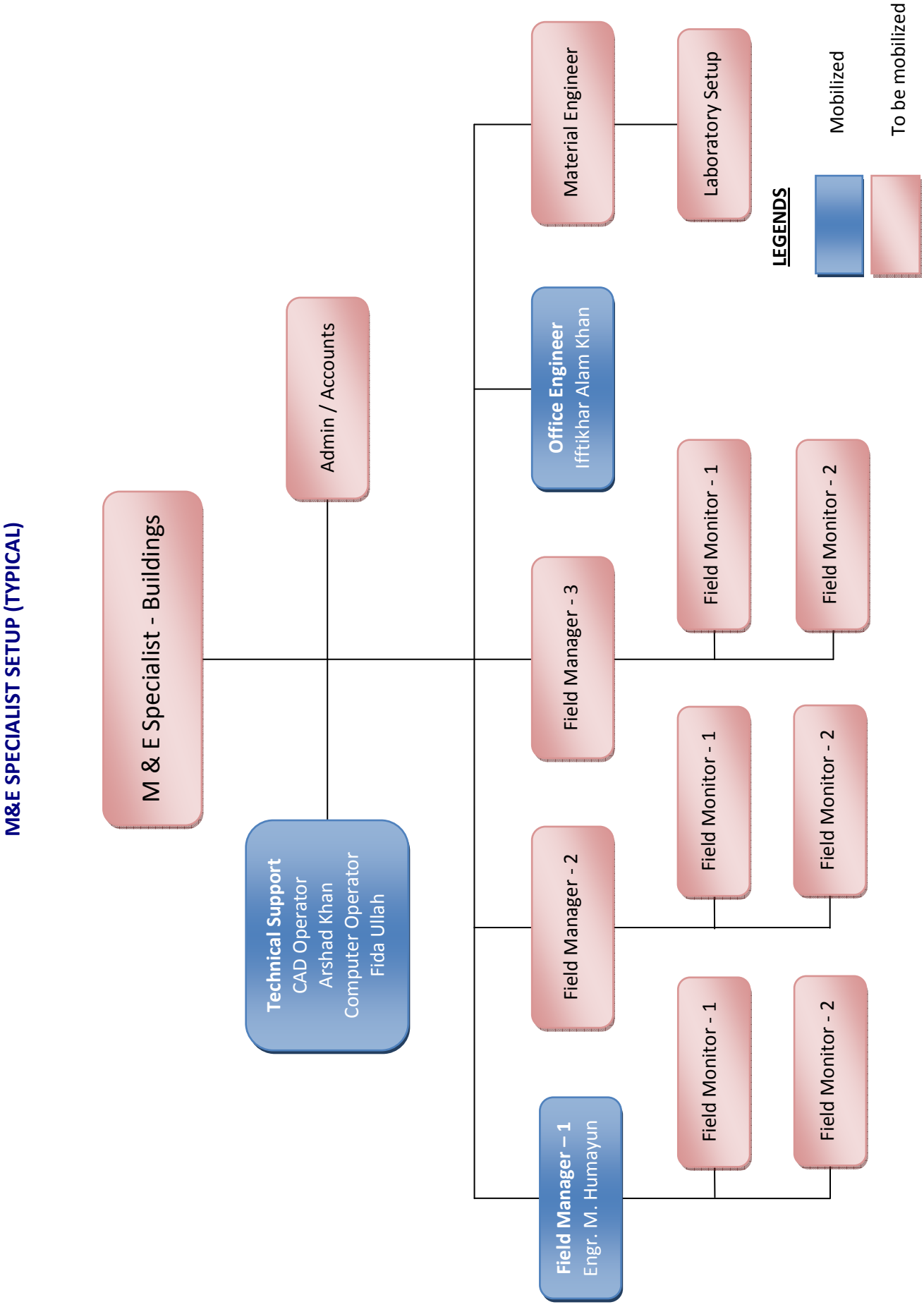
Keeping in view various aspects for the construction of 42 sites, a realistic M&E setup shall be recommended in the light of agreed M&E setup shown in the technical proposal. A typical M&E setup has already been shared with the Stakholders for their comments.

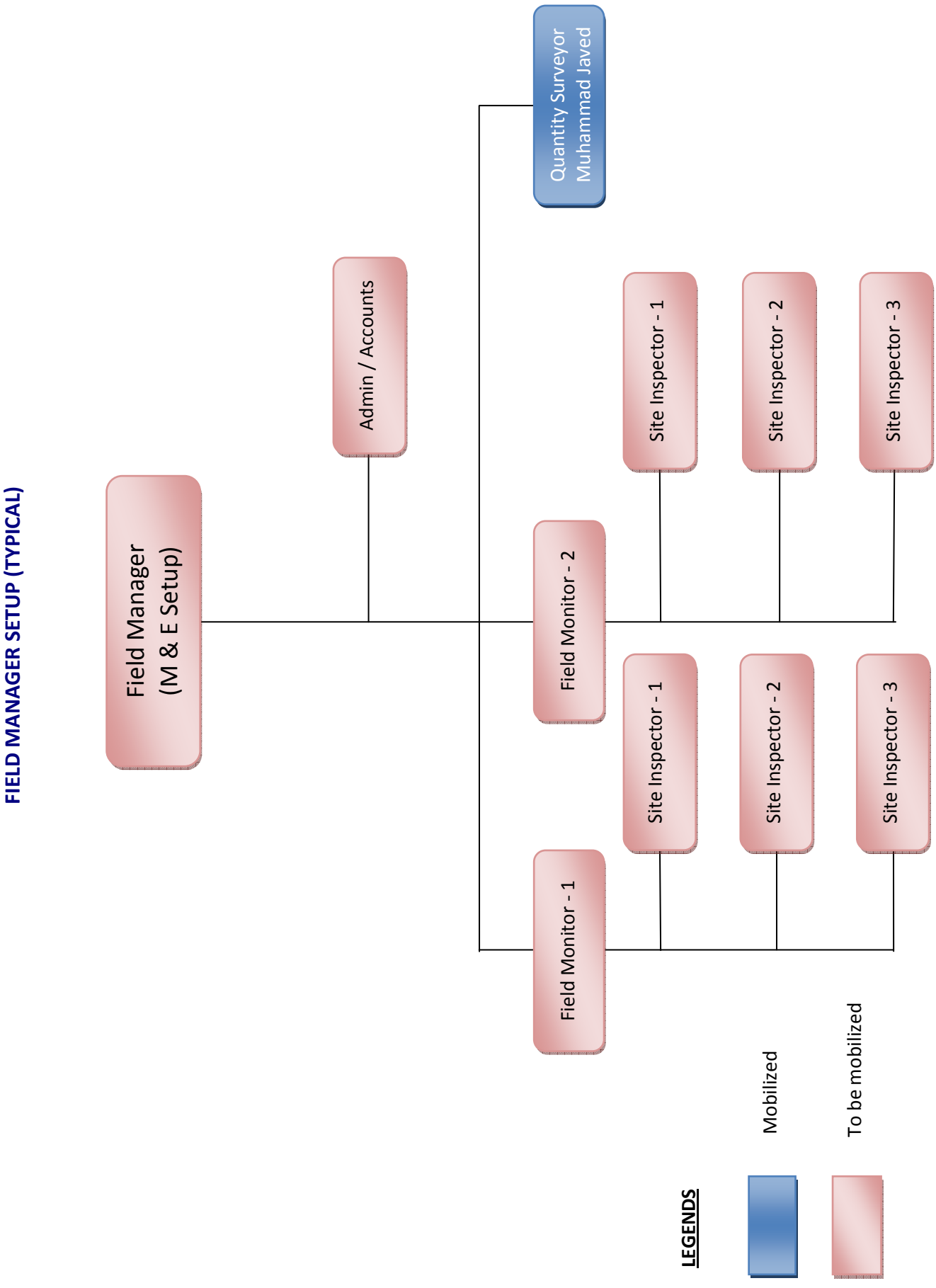
3.1.11. Deployment of Staff

The essential staff has been deployed and engaged on the project activities as per below Charts


PROJECT MANAGER ORGANIZATION CHART
Project Manager
Engr. Yousaf Jan
Project Advisor
Engr. Aziz-ul-Haq
Admin / Accounts Manager
(Abdul Waheed)
Admin Officer
(Nasir Alam)
Account Assistant
(Bilal Khan)
Computer Operator
(Faizan)
Short Term Technical Pool
Architect
(Waqar-ul-Mulk)
CAD Operator
(Asad Khan)
Senior Technical Specialist
Engr. Khurshid Khan
Environmental Compliance Officer
(Mr. Shabir Ahmad)
QAM (Building)
Engr. Ruidar Ali
Security Expert
Lt. Col(R)
Mussamer Shah
QAM (Road)
Engr. Muhammad Imran
Mid-Level Specialist-1
(Engr. Amjad Saeed)
Mid-Level Specialist-2
Mid-Level Specialist-3
Junior Engineer
(Engr. Saqib Maqbool)
Field Monitor Social
(Muhammad Rehman)
Security Officer-I
(Maj. Rafaqat Ali)
Security Officer-II
Security Officer-III
LEGENDS
Mobilized
To be mobilized


QAM (BUILDING) ORGANIZATION CHART
QAM Building
Engr. Ruidar Ali
Accounts
Admin Asstt.
Umar Shah
M&E Specialist-III
M&E Specialist-II
M&E Specialist-I
Field Manager-I
Field Manager-II
Field Manager-III
Field Manager-I
Field Manager-II
Field Manager-III
Field Manager-I
Engr. M. Humayun
Field Manager-II
Field Manager-III
LEGENDS
Mobilized
To be mobilized


M&E SPECIALIST SETUP (TYPICAL)
M & E Specialist - Buildings
Admin / Accounts
Technical Support
CAD Operator
Arshad Khan
Computer Operator
Fida Ullah
Material Engineer
Laboratory Setup
Office Engineer
Ifftikhar Alam Khan
Field Manager - 3
Field Monitor - 1
Field Monitor - 2
Field Manager - 2
Field Monitor - 1
Field Monitor - 2
Field Manager – 1
Engr. M. Humayun
Field Monitor - 1
Field Monitor - 2
LEGENDS
Mobilized
To be mobilized


FIELD MANAGER SETUP (TYPICAL)
Field Manager
(M & E Setup)
Admin / Accounts
Quantity Surveyor
Muhammad Javed
Field Monitor - 2
Site Inspector - 1
Site Inspector - 2
Site Inspector - 3
Field Monitor - 1
Site Inspector - 1
Site Inspector - 2
Site Inspector - 3
LEGENDS
Mobilized
To be mobilized

3.1.12 Meetings

1. A meeting was held in the office of PaRRSA on 24-09-2012. All the stakeholders i.e USAID, PaRRSA and AGES participated in the proceedings. Main purpose of the meeting was to evolve strategy for the way forward for implementation of the reconstruction of flood damaged schools based on the findings of the validation and damaged assessment report prepared by AGES in Year 2010.
2. A meeting was held in the Main office of AGES on 17-11-2012. Chief Infrastructure PaRRSA, Project Manager CMEP AGES, Quality Assurance Manager CMEP AGES, Partners AGES and Field Engineers AGES attended the Meeting. The purpose of meeting was to review the previous minutes of meeting and share the validation/revalidation reports prepared by AGES and to evolve further strategy for the revalidation of schools in the rest of the Districts.
3. A meeting was held in the Main Office of AGES on 27-12-2012. All the Stakeholders i.e USAID, PaRRSA and AGES participated in the meeting. The main purpose of the meeting was to review the previous minutes of meeting and share the validation/revalidation of all Districts covered under the CMEP KPK.
4. Meetings were held on 15-10-2012 & 17-10-2012 in the office of EDO District Shangla. EDO & ADO District Shangla, Field Manager AGES & Field Monitor AGES attended the meeting. The purpose of meeting was to chalk out visit program needed for the revalidation of schools in District Shangla.
5. A meeting was held in the office of DTL M&E Malakand at Mingora. The M & E Engineers of M&E Project who were involved in the validation process in Year 2010 participated in the meeting beside the QAM(B) CMEP AGES, coordinator Swiss Agency for Development and Cooperation and Field Monitor AGES. The purpose of meeting was to identify the suitable and unsuitable sites in light of survey done in year 2010.
6. A meeting was held in the office of M&E Dir at Timergara. Infrastructure Coordinator PaRRSA, Coordination Engineer M&E Dir, M&E Engineer Dir, Site Engieers M&E Dir, QAM Building CMEP AGES and Field Monitor CMEP AGES attended the meeting. The purpose of the meeting was to discuss the validation reports with the respective site engineers of M&E Dir who were involved in the validation process done in Year 2010. The suitable/unsuitable sites were identified in light of their reports.
7. A meeting was held in the Office of EDO District Malakand on 29-11-2012. EDO & ADO District Malakand, QAM(B) CMEP AGES & Field Monitor attended the meeting. The purpose of the meeting was to chalk out program for the visits of the suitable sites as pointed out by EDO Malakand.
8. A meeting was held on 05-12-2012 in the office of EDO D.I.Khan. All DDOs of the respective Tehsils, QAM (B) CMEP AGES, Field Manager and Field Monitor CMEP attended the meeting. The schools having land issues were identified and program was chalked out for the visits of suitable sites. The DDOs of the respective Tehsils were also involved in the revalidation process.
9. Introductory meeting with Country Director USAID Pakistan was held on April 17, 2013 in Islamabad.

3.2 MAJOR ACTIVITIES UNDERTAKEN DURING THE REPORTING PERIOD

3.2.1 Submission of Quarterly Progress Reports

Second Quarterly Progress Report for the quarter ending on March 31, 2013 was shared with USAID/PaRRSA for their review & comments on April 04, 2013.

3.2.2 Submission of Revised Modular Drawings

The columns in Examination Hall located in first floor of Module M-6 have been eliminated to avoid obstruction and provide clear space for Examination & other Educational Activities. The structural analysis of M-6 Module has been carried out by the structure engineer of CMEP. The revised structure drawings have been technically reviewed by the structure specialist. The following activities were carried out:

- Structural Analysis of M-6 module
- Revision of structural drawings of M-6 Module
- Technical review of revised structural drawings of M-6 Module by structure specialist
- Revision/finalization of Structural, Architectural, Electrical and Typical drawings of M-6 Module
- Submission of final Structural, Architectural, Electrical & Typical drawings of M-6 Module

Note: The details of all Modules have already been discussed vide para 3.1.7

3.2.3 Submission of Revised BOQs

Site specific BOQs of 42 sites have already been drafted and will be finalized after the meeting with the stakeholders to be conducted shortly as desired by PaRRSA.

4. ITEMS REQUIRING ACTIONS

As already been requested, urgent action/decision of the concerned forums is required on the following points.

1. Fresh list of alternate schools as a replacement of unsuitable sites will be required to meet the approved scope of 114 schools. During the revalidation of 114 schools, 72 schools have been declared unfeasible/unsuitable.
2. Formulation of a strategy for implementation of the schools construction needs to be finalized at the earliest.
3. As lesson learnt from M&E Project Malakand, geotechnical investigations for determination of bearing capacity for specific sites is a time consuming activity. Keeping in view its importance, it is suggested that decision on aforesaid activity needs to be taken at the earliest to complete this task well before the commencement of construction activities.